

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Tom Quayle" <tquayle@montana.com>
Subject: [13214] 30 meter QRP kit For Sale
Message-ID: <199702270722.AAA29944@paw.montana.com.m>

Oak Hills Research 30 meter QRP kit. Unbuilt, with all parts in original packaging. Includes iambic keyer kit plus manuals.
\$ 150.00 shipped, insured to your QTH.
Thanks,
Tom - WN7ECL

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Tom Quayle" <tquayle@montana.com>
Subject: [13237] 30 meter QRP kit For Sale
Message-ID: <199702271733.KAA20017@paw.montana.com.m>

Oak Hills Research Spirit II 30 meter QRP kit.
Unbuilt, with all parts in original packaging.
Includes iambic keyer kit plus manuals.
\$ 150.00 shipped, insured to your QTH.
Thanks,
Tom - WN7ECL

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [13220] 38S:NEW XTAL HELP?
Message-ID: <9701278570.AA857058407@smtpgw.ccgate.dl.nec.com>

Gang:

Don't know if anybody has received the new X1 crystal yet, but if so has it helped the tuning trouble we've been seeing?

Any reports welcome. I'm patiently awaiting the arrival of X1 to try in my 38S.

73 de Dave NR3E
nr Dallas, TX
qrp-1 #25, ARRL

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [13240] 450 ohm ladder line length
Message-ID: <3315DC07.507F@uts.cc.utexas.edu>

Cecil,

Thanks for the great post on 450 ohm ladder line feedlength. I'm a fairly recent convert to ladder line and feed both a delta loop and an 132 Off-Center-Fed Dipole (separately, of course) with 450 ladder line. I've been using a SuperTee antenna tuner and I get out well on 40, but the OFC Dipole really works gangbusters on 20 meters, been getting lots of 579 to 599 reports in the recent contests.

I have your LadderLizard and am waiting to get my old Heathkit 101 repaired to run a 100 watts into it to check out my feedline Imax points. All my other rigs are qrp and max out at 5 watts, so I assume they won't work with the lizard.

A question I have is whether the lengths you gave for the dipole in your post would apply to an OFC dipole. It is a 1/4 wave on one end and 3/4 wave for 40 meters on the other. I'm assuming but have not measured and don't know whether the antenna feed point impedance is different for an OFC than for a balanced dipole. Can you refer me to any reading on this? It will be a moot point once I get the 'Lizard' fired up and can do the actually readings with feedline and antenna in place...same for the delta loop.

Have you done any of this work using a delta loop? Just curious. I'll send you my results once I get it measured. My delta loop is in a weird inverted-delta-loop-sloper type of configuration. I feed it at one of the upper corners and it tilts down and to one side with unequal leg lengths, but I get great signal reports from the West and Southwest, lots of 559 to 599 reports.

Again, thanks for all the great work on the feed line lengths for ladder line. Tis much appreciated.

72,

Gary, KJ5VW

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Tom Ashley <tom_ashley@capv.com>
Subject: [13241] 49er
Message-ID: <2.2.32.19970227192238.0069a38c@mail.capv.com>

I am seeking an unbuilt 49er kit, or a board. I will be happy to offer a premium.

Other ideas for the proper use for an old metal Sucrets box will be welcomed, too.

AA4A
C. Thomas Ashley
Director
CAP Ventures
Phone 617-837-7200
Fax 617-837-8856

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Jim and Nancy Larsen <larsennc@alaska.net>
Subject: [13215] AL7FS QS0s on CQC Day
Message-ID: <331538F8.3F19@alaska.net>

Band	Time-UTC	Call	S/P/C
20	1908	ve4pl	ve4
20		kj5vw	tx
20		w7gw wa	
20		wb7oem	wa
20		ve4abg	ve4
20		ki4ja	ga
20		w7fpt	or
20		k0frp	co
20		nt8s oh	
20		ka2pqy	nj
20	2009	w7cnl	id 10 mw!!!
20		w2dp nj	
20		ac5am	la
20		k3nvi	pa
20		ve1maw	ve1-ns
20		nf0z az	
20		wb2vrk	nj
20		kf4gdx	nc
20		n6kr ca	
20		kf2hc	nj

20 k7pdn ut
20 2100 ac5am la 250 mw!
20 wd6cmp or
20 wa3zii md
20 xe1zw xe1
20 w1fmr nh
20 wb3jjk pa
20 wz2t ny
20 ke4nyh tn
20 kf8ee oh
20 ae4ja ga
20 w6nk ca
20 k1thp ct
20 k1gdh ma
20 w0lk ar
20 kc1nn ma

---Start of CQC Contest---

20 2203 w6nk ca
20 2205 k1oj tx
20 2208 ko6ka ca
20 2212 aa8eb oh
20 2220 w4oel va
20 2223 n3wui pa
20 2232 ac5am la
20 2235 aa1qn co
20 2237 nr5a sd
20 2243 wb6lma or
20 2250 k7tp ca
20 2254 n4roa va
20 2256 wa1qvm ma
20 2305 k4om ga
20 2308 w0lk ar
20 2316 ab6qr ca
20 2319 k4bai ga
20 2323 w7cnl id
20 0003 n4so al
40 0031 kv7x wa
40 0104 w0cqc co
40 0110 n7mfb wa
40 0115 wz2t ny
40 0120 n0ijk co
40 0129 w0yor co
40 0143 aa7kf or
40 0209 k5oi nm
40 0214 ko6ka ca
40 0216 w7cnl id
40 0219 k6mw ca
80 0236 kv7x wa

40 0318 ab7tt az
80 0329 ko6ka ca
80 0342 ab6qr ca
80 0359 w0opw wa

Thank you to all of you. I had a fun day even though the bands were not very good from up here.

73,
Jim
AL7FS

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Dick Pascoe <Dick@kanga.demon.co.uk>
Subject: [13227] ARCI DX dues
Message-ID: <mFjdUgA2\$YFzEw58@kanga.demon.co.uk>

Hi gang,

To simplify the emailing of msgs to me
I have set up the following URL...

ARCI@kanga.demon.co.uk

This will reach me easily.

Also details are now on my web pages as below.

TTFN de ..

--

Dick Pascoe G0BPS/G0R00	Kanga Products
Dick@kanga.demon.co.uk	Seaview House,
http://www.kanga.demon.co.uk	Crete Road East.
Tel / Fax 44 (0)1303 891106	Folkestone. Kent. CT18 7EG.UK
Ham Radio Today QRP Columnist	ARCI DX membership person

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Alan Slusher" <slusher@sunbeach.net>
Subject: [13183] AT&T Wireless Phone System
Message-ID: <01065419919232@sunbeach.net>

Sorry for the BW. I had posted this earlier today, and used the phrase "subscribers to" instead of "readers of" at the start of the message, and it got bounced as a result. Hope it is of some interest.

72/73 Alan 8P9BM

> Readers of this list, and hams in general, may be interested in a story
> posted by CNN today indicating that AT&T is proposing a new system for
> reaching local phone subscribers without using the regional Bells. The
> story says that the new system will connect homes to an AT&T digital
> switching centre through neighbourhood antennae (mounted on a utility
pole
> or similar structure), each serving up to 2,000 homes. Users would
install
> a transceiver to be mounted at each home. Consumers would use wireless
> extensions in their homes.
>
> Now comes the interesting part:
>
> "AT&T has filed patents for the techniques used to increase the capacity
of
> the 10-megahertz portion of the wireless radio spectrum. The technology
> allows the same radio frequencies to be used many times in the same
area."
>
> There was no indication of specific frequencies in the CNN report, but
it
> doesn't take a lot of paranoia to start dreaming about telephone RFI
> complaints.
>
> Pure speculation now: Would this have had anything to do with a certain
> move to encourage a reduction in the power output of amateur (among
others)
> transmitters?
>
> Alan 8P9BM

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [13245] Brad's Fox Report

Message-ID: <M1310698.011.a1vmc.1.970227195239Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Yes, Brad. It is very common, and frustrating, to find people hear you better than you hear them. That is the norm for me.

My theory is that everyone lives in a lower noise area than I do, so have more signal left above the noise level than at my QTH.

I've done a lot of experimenting with low noise receiving antennas to see if I can equalize things a bit, and sometimes it does help. And sometimes it doesn't. There are some noises that are just plain killers. If they are short term, you just QRX. If long term, you go build something.

If you ever wonder about whether your receiver is quiet enough, and where all the noise is coming from, there is an old rule of thumb that works nicely at HF.

If you disconnect your antenna from your receiver (or transceiver), and the noise drops, your receiver noise figure is as low as it needs to be. You may still hear residual, set-generated noise, but it will be overwhelmed by the ordinary ambient noise coming in through the antenna.

Anyway, welcome to the club.
72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Stan Skelton <sskelton@c1n.etc.bc.ca>
Subject: [13239] Can't e-mail HB Electronics
Message-ID: <Pine.SUN.3.95.970227100608.8842A-1000000@c1n>

Hi all...have tried several times to send e-mail to HB Electronics at
HB.Electronics@Businesson.com...anybody else have trouble with this
address?

Stan VE7SKT, qrp-1 #34, AK/QRP #136 OHR Sprint 80

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Dave Fifield <fifield@pacbell.net>
Subject: [13216] Cleaning Tarnished Keys
Message-ID: <3315A58A.4408@pacbell.net>

My shack is the garage. It gets quite cold and damp out there and my brass morse keys are beginning to tarnish quite badly (got a Vibroplex Brass Racer and a Jones straight key). Does anyone have any tips on
a) cleaning them up so they are shiny like new again - without scratching them, and
b) how to stop them from tarnishing again in the future (lacquer?)

All input welcome. Thanks.
72 de Dave Fifield, KQ6FR

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: launerb@crl.com (William H. Launer)
Subject: [13194] Coax Connector Failures
Message-ID: <v01530501af3a9e72b69d@[192.0.2.1]>

I have a little Pace SWR/Watt Meter that I picked up for \$5 at a hamfest. It has 2 power ranges (10W and 100W), so I thought it would be an ideal unit to use with my 38s. It seemed intermittant, sometimes I would get good antenna readings, and other times (with no changes in tuner settings) I would get all kinds of erratic indications. I disconnected it, and discovered that the female contacts in the S0-239 connectors were a very loose fit on the male PL-259 plugs. Today, I replaced both S0-239's, and now it works fine. Since it's a stripline device, I was stuck with S0-239 connectors, or I would have changed to something more reliable!

The moral of the story: if you seem to be getting erratic performance with any piece of equipment, check the connectors and wire terminations first (after making sure you have the power turned on). From my experience, the interconnections are the source of most problems encountered in electrical and electronic systems.

72/73 Bill wb0cld

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>
Subject: [13201] CW Adjustment w/TS140S
Message-ID: <Pine.A41.3.95q.970226200858.97716B-100000@hector.NMSU.Edu>

I'm sorry for the BW but I forgot the address re:the ts140s inquiry. I've been using my TS140S qrp since 1991. The front panel POWER slide pot lets me adjust down to about 200 mw. It's touchy but I've avoided putting a pot and 9v battery on the ALC plug (which is the other way to adjust). I've gotten pretty good at being able to set right at or below 5w.

It sounds like something is wrong if you can't adjust cw to less than 100w (besides being immoral!) using the POWER slide pot.

Tim K5OI

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: JustinDD@aol.com
Subject: [13181] CW/Phone Kit for a Tech +
Message-ID: <970226192851_509220039@emout13.mail.aol.com>

Soon I am going to have my Tech + license and I would like to know, what type kit I should buy/build to start with. I already am working on an iambic keyer, and I only need the radio.....

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [13202] Dayton room needed
Message-ID: <199702270336.WAA01875@mh004.infi.net>

Gang, anyone have a room at Dayton that they won't be using? If so, let me know. Thanks.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>

Subject: [13242] Debugger #2: T - 0 and counting
Message-ID: <199702271930.NAA19091@multi13.netcomi.com>

Screenplay:

Opening scene: Parking lot of a west side Silicon Valley electronics company. Wide angle.

Middle-aged man walks slowly toward middle-aged car. Face not seen. Hair showing signs of gray. Car showing signs of gray primer. Man gets into car and drives off.

Camera riding in back seat of car showing view to front. Dashboard in focus. Back of driver's head visible. Scene through windshield slightly out of focus. Car drives through west side Silicon Valley commute traffic. NPR "All Things Considered" playing on radio (muted). Occasional glimpse of driver's dark-rimmed glasses in rear view mirror, but face not visible. Music: a combination of "Theme from X-Files" and "Mission Impossible". Opening credits over scene. Muted, quiet, calm, boring, routine.

Interperse 1-2 second jump cuts to another scene. Blurred motion. Large areas of moving red, white, and blue color. Occasional glimpses of a blue uniform in motion. Loud noises, clomping boots, slamming metal. Unrecognizable, jarring, interrupting.

Opening credits over. Camera still riding in back seat. Car now in suburban residential streets.

New camera: Helicopter shot, wide, hovering over suburbia. Centered in picture is a typical suburban home dominated by a large aluminum antenna structure. Red, white and blue postal truck sitting in front of home starts to slowly drive off. Middle-aged car driven by main character appears on side street in corner of scene. Helicopter camera slowly zooms in, keeping moving car in frame. Car turns into home driveway. Garage door starts to swing open.

Camera in car: Car turns into a driveway. Driver pushes garage door opener button and garage door visible through windshield opens. Music fades. Switch to camera view from garage door looking at rear of car in garage, driver's door visible. Sound of car engine stops. Brief silence. Driver exits car, carrying brief case. Face still not visible. Enters house. Camera follows. Driver greeted by wife and daughter who runs and jumps into his arms. Driver continues into hall and next room. Puts down briefcase. Room filled with electronics equipment, computer. Medium sized white box covered with red, white, and blue USPS Priority Mail tape is located prominently in center of desk (Use white highlight) Man stops in center of room and stands completely still, looking at box. Face still not seen.

Music begins again, with a little "Outer Limits" theme character. Quick cuts: scene of room with back of man visible standing in middle of room facing box; close up of box.

New camera: Direct close up of man's face, stricken with terror, frozen.

Fade to black, and commercial.

It arrived. Day 1 begins.

Mike K1MG

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>

Subject: [13229] dipole+feedline=magic(almost)

Here's a posting that I did on the rec.radio.amateur.antenna that shows "magic" lengths of 450 ohm ladder-line to use with different wavelengths of HF antennas to achieve a good match at the hamshack. What makes this work so well is the average SWR on 450 ohm ladder-line is around 10:1. 450 divided by 10 gives an excellent match for 50 ohm coax and that is the purely resistive impedance at a current maximum (loop) which can be estimated from the following chart.

The resonant point on an antenna system with a tuned feedline is the I_{max} point (current loop) on the transmission line which is the lowest purely resistive impedance anywhere up and down the line. The I_{max} point is a good place to feed an antenna system. So I have come up with the following chart that tells what length of transmission line is needed for certain length dipoles. The transmission line is assumed to be 450 ohms and the length is in WL and includes the 0.9 velocity factor, i.e. divide 886 by the frequency to get one wavelength of 450 ohm ladder-line.

Dipole length 450 ohm ladder-line

in wavelengths length in wavelengths

0.5	0.5
0.6	0.39
0.7	0.33
0.8	0.29
0.9	0.27
1.0	0.25
1.1	0.23
1.2	0.21
1.3	0.17
1.4	0.11
1.5	0.0

This chart works for dipoles over 1.5 WL by subtracting 1.0 WL
This chart does not work for dipoles less than 0.5 WL

Here's an example: A 102 ft dipole is 0.78 WL on 40m. From the above chart, the feedline needs to be about 0.296 WL which is about 36.4 ft. If that's too short add 1/2 WL. $36.4 + 61.5 = 97.9$ ft. That length of 450 ohm ladder-line on 40m will get one close to a current loop, a good point to use a 1:1 current choke/balun and an antenna tuner. For most bands, a length of coax between the 1:1 current choke/balun and the tuner will have a relatively low 50 ohm SWR.

Hope this is understandable. I think it's pretty powerful.

73, Cecil, W6RCA <http://www.geocities.com/CapeCanaveral/8476>

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13226] FINAL ScQRPion Hit List (grovelling...)
Message-ID: <199702271533.IAA01141@usr01.primenet.com>

Sheepish Greetings.... :-)

Yes, my first stint as contest manager is giving me all kinds of lessons for the future. Lesson #1 - Never do things in a hurry.

In the Day-before-FYBO Rush, I'd somehow created two separate ScQRPion Hit Lists. Both out of sync. Both sent to the List. Chaos ensued. Unmatched socks proliferated. The Guy on the Grassy Knoll appeared. It

was looking grim.

So.... last night I started going through the past week's worth of QRP-L digests, tracking my fateful posts. And here you have it. The unadulterated, golden ScQRPion Hit List. I'll personally fix/check any logs already sent, of course. And if there are any more changes(!) you won't hear about 'em, 'cause I'll do all the grunt work on my end to make it right.

Thanks much for your patience and bandwidth.

FYBO '97 ScQRPion Hit List

AB7MY	N7VE
AB7OA	N9UKX
AB7ST	NQ7K
AB7TT	NQ7X
KB9LGJ	W5VB0
KC7SLY/T	W7AQK
KC7SXW	W8KC
KF4KRV	W9UQB
KI7MN	WB2VU0
KJ7YN	WB5QYT
KT3A	WJ4P
N4BP	

Profuse and Profound Apologies de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions

PS- Just think how much smoother it'll be next year... :-)

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Joe Gervais <vole@primenet.com>
Subject: [13211] Final Update: ScQRPion Hit List
Message-ID: <199702270632.XAA02205@usr08.primenet.com>

Howdy again Folks,

OK, this is really the honest, last update to the FYBO ScQRPion Hit List. Even waited extra long to make sure we picked everyone up this time. Only one more addition: Gary, AB7MY.

Again, if you already sent in your log, I'll check it for you. Thanks!

UPDATED SCQRPION HIT LIST

--> AB7MY <--	N4BP
AB7OA	N7VE
AB7ST	N9UKX
AB7TT	NQ7K
KB9LGJ	NQ7X
KC7SLY	W5VB0
KC7SXW	W7AQK
KF4KRV	W9UQB
KI7MN	WB5QYT
KJ7YN	WJ4P
KT3A	W8KC

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

QRP WAS: 50, 2-Way QRP WAS: 44, QRP DXCC: 5

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Charles Cashion <ccashion@spdmail.spd.dsccc.com>
Subject: [13222] Five Watt Press
Message-ID: <199702271423.IAA25143@vob005.spd.dsccc.com>

"Paul F. Young" <pfy@axe.intercall.com> wrote (PY>)
PY>
PY> Subject: Where are you?
PY>
PY> Guys,
PY> I need help with a address and phone number for Rich at 5 (Five)-watt
PY> press. I lost the original sheet and I am trying to find out about an
PY> order I sent in Jan.
PY>

In a recent posting, (08feb97), Paul Harden <na5n@rt66.com> wrote (PH>)
PH>
PH> Five Watt Press is no longer the exclusive distributor for the
PH> ELECTRONIC DATA BOOK FOR HOMEBREWERS AND QRPERS effective immediately.
PH>
PH> All future orders should be sent to me, where they will be processed by

PH> Quicksilver Printing, the data book printer, or for faster service on
PH> the east coast, to H-B Electronics. The Data Book is the same old
PH> \$20 + \$2.50 shipping from either.

PH>

PH> Quicksilver Printing

PH> P.O. Box 757

PH> Socorro, New Mexico 87801

PH>

PY>

PY> Yeah I know there's one born every minute.

PY>

No there ain't!

PY>

PY> Any a help would be appreciated.

PY> TNX 72/73

PY>

72s, 73s, whatever it takes,

Charles Cashion, W5ISZ, Did you hear abt the two electrical engineers
that got into a fight over JK flip flops versus D flip flops? It took
the police to break it up. They reported it as the flip flop flap.

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: Ken Lopez <kjlopez@earthlink.net>

Subject: [13232] For Sale Icom 735

Message-ID: <3315BA8F.135D@earthlink.net>

The Icom IC 735 is SOLD.

Thanks for all of your responses.

Ken, N6TZV

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: "William R. Colbert" <af852@rgfn.epcc.Edu>

Subject: [13205] fox

Message-ID: <331525FE.6717@rgfn.epcc.edu>

The night started out looking very bad for hearing Jack in the El Paso
area. I could hear many stations calling and working him. About 0220
it was as if a switch were thrown - there was Jack, W5TFB at 599.

I managed to get in and work Jack, even as the QRM was cranking up. I

even heard Doc - K0EVZ work him with KB9IUA and many others calling.
Thanks Jack, was fun hearing/working you. Good Job. 72/73 Ray

--

Ray Colbert, W5XE, SOWP 1064M, FISTS 2146, 00TC 3618
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [13206] FOX caught tonight!
Message-ID: <970227042824_70511.3041_IHD36-11@CompuServe.COM>

Gang:

What a rush!--caught Jack W5TFB the FOX tonight. And boy was he banging
into SE Minnesota. Must have had a pipeline tonight.

This was only my third confirmed FOX in all of 1997, after a string of 6
in only 4 weeks right at the end of 1996.

Thanks to so many of you who wrote me offering hints. They paid off, and
I finally know what I was doing wrong all that time. What a great bunch
of guys you all are. Thanks very much.

Rig(s) tonight:

TenTec ARG0 with 5 watts at 0207UTC
Norcal 40a at abt 1 watt at 0227UTC
Antenna = Antennas West TNT/2 Windom at 27'
Tuner = MFJ 989C set up by MFJ 259 Analyzer

BTW, thanks for a *great* hunt tonight, Jack. And thanks for serving as
our FOX.

72/73,

--QRPDoc/K0EVZ QRP-L #861 MN-QRP #19 NJ-QRP #69 ARRL

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: martin38945@juno.com
Subject: [13213] Fox Fire
Message-ID: <19970227.014039.7743.1.martin38945@juno.com>

Dear Gary & Friends,

That hash you have been hearing is not local. I have heard it for the last three nights. Might have caught Ernie on Tuesday night (even with the poor propagation to the midwest) had it not been for that noise. I, not so affectionately, refer to it as the Fox Fire. At times it seems to be moving in frequency. Signal strength here is about S6-7 minimum and sometimes peaking S9 + 10db.

Jack's signal was so strong in here tonight that it didn't really matter. My antenna (half square) favors Texas and Europe.

Am considering starting a malicious rumor that it is caused by HAARP. Then marketing HAARP filters (in kit form... of course) to QRPers who have compulsively bought and built every other kit on the market. Hey... *they* used to sell Woodpecker Filters didn't *they*? And I know mine worked. After installing it... I never had a bit of trouble with woodpeckers. However, the blasted pigeons still wouldn't stay off of my KT34XA. Guess I should have bought a Pigeon Filter, too.

Vy 73,

Martin W9XN QRP-L #998

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Marshall G. Emm" <mgemm@mtechnologies.com>
Subject: [13184] Fox Frustration
Message-ID: <3314DDDE.456@mtechnologies.com>

OK, I know it's mostly my own fault that I have been having so little success in the Fox Hunt since Christmas. Changing circumstances have me working late more often than not.

But at least twice when I HAVE been able to get down to the shack, the fox has turned out to be a no-show. It will take me, typically, most of an hour and a headache to figure out that I'm wasting my time; it's particularly frustrating when I find out the next day, or the day after, that he wasn't even there, or that he was a day late (on a day not even listed on my "official" Fox schedule). Please do not misunderstand me-- I know the foxes have other things to do sometimes and people also forget sometimes, but I wanted to document my frustration level to

perhaps add a bit of weight to the following suggestion....

Why can't each fox have a backup? Someone who is prepared to listen in and fill the breach if the scheduled fox doesn't appear? I know if I were a fox it would be easy enough to arrange for someone to cover for me, and by the same token I'd be quite happy to cover for someone else else.

Well, I've got my fingers crossed for tonight [g].

73

Marshall

AA0XI

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: martin38945@juno.com
Subject: [13208] FOX HUNTING
Message-ID: <19970227.010752.7743.0.martin38945@juno.com>

Dear Friends,

I'll try this again.

Would someone be kind enough to send me the rules and regs for the nightly fox hunts and for the FSFD activities?

Thank you.

Very 73,

Martin W9XN QRP-L #998

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: gsurrency@juno.com
Subject: [13200] FOX I can't believe it!
Message-ID: <19970226.200721.12438.0.gsurrency@juno.com>

Willikers!

I just made it two for two this week in the Fox hunt! And the really strange thing is, I worked 'em both at exactly 0236 UTC! What a coincidence!

Jack, you were quite strong here tonight. And after I worked you, your signals came up even more to around a 589-599 from the 569 I gave you!

There is a rather annoying signal between 7036 and 7037 khz at my QTH, might be DX jamming signal or something, I don't know. It's kind of a "rushing" noise like you hear across the bands sometimes. I could be a local man-made noise source, I'm not sure. If anyone one else heard it, please say so.

Thanks Jack for making it tonight, and you were doing really FB here in AZ!

Rig used: S&S TAC-1 at 5w
Antenna: 40m indoor dipole at 20 ft
Homebrew keyboard from QST July 1969 (ancient rtl logic)

72,

Gary Surrency
AB7MY qrp-1 #571

AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [13246] Fox report w5tfb
Message-ID: <M1310702.015.a1vmg.1.970227195241Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Nice job, Jack. It was nice to hear a loud Fox signal for a change. You were booming into the SF Bay area last night. I checked on you from time to time after I worked you, and you were always in there the whole time.

Called my friend, Dwight, WA6NAE, to let him know you were on.
He said, Heck, I've already worked him!
You do get around.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [13248] FOX Schedule Remaining
Message-ID: <199702271954.TAA00771@chuck.dallas.sgi.com>

Gang,

As we near the end of the third annual
foxhunt, here are the remaining foxii to
chase.

The famous Cam Hartford, N6GA, has one
night the 17th-20th, so he'll have to
decided by Wednesday of next week so that
all the TX guys can line up the big guns
and blast him to Hawaii. :-)

Good luck to all or most, whichever comes
first.....

Mar 5	0400-0600	N6WG	Bob	CA
Mar 7	0100-0300	N9DD	Tom	IN
Mar 12	0200-0400	KU7Y	Ron	NV
Mar 14	0100-0300	N2TNN	Dean	NJ
Mar 19	0200-0400	WA1GUV	Tom	VT

Chuck Adams K5FO adams@sgi.com DXCC=11
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Bruce Milne <wb2qap@i3.net>
Subject: [13182] FS: NorCal40A & KC-1 Keyer
Message-ID: <1.5.4.32.19970227010241.0066f638@mail.i3.net>

Hi,

I have for sale a Wilderness Radio NorCal40A with custom KC-1 panel, and the
KC-1 keyer installed. The unit is less than a year old, and in mint
condition, with no scratches.

Initial cost was \$186 plus shipping. Will sell for \$150 plus shipping.

Interested parties contact: Bruce Milne, WB2QAP
Email: wb2qap@i3.net
Phone: (941)-637-1693

Thanks for the bandwidth.

72 de Bruce, WB2QAP

Keep in touch !
Bruce Milne
wb2qap@i3.net

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [13225] FS: Ten-Tec 961 p.s./FT-840/TS-520/HTs/QRP/DSP/more
Message-ID: <Pine.3.89.9702270942.A21453-01000000@w3eax.umd.edu>

It has happened again. Another updating spree, another load of stuff to sell, purging two shacks (again).

Ten-Tec PTO rebuild kit, \$10.

Ten-Tec model 961 power supply w/built-in speaker. I got it used about a month ago planning to get a Paragon, but the deal fell through and I found another rig to buy (the FT-840, ALSO listed for sale here, long story). The PS is in perfect (or as close as one can get) shape with manual, box, and packing material. Perfect match to Corsair II (I think), OMNI V, OMNI VI, Paragon, and Paragon II. They're \$275 from the factory, and have been for 3 yrs. Asking \$205, negotiation is always an option.

Yaesu FT-50R Dual band HT, wide rcv...current model, in exc. (not perfect) shape, works perfectly. With box, manual, 6v 600 mAH battery (FNB-40(?)), wall charger, duckie antenna, and belt clip. \$330 new, asking \$275 shipped. Why selling? We ended up with three and two will suffice.

Yaesu FT-23R 2m rugged HT with large battery and under-sized charger, plus optional FTT-4 touch tone pad. \$135. Includes manual, stuck-on aftermarket belt clip, can't vouch for much more...good condition.

Ramsey PA-10 30w 2m power amp. With box and manual, preamp has been removed from circuit. \$40. Exc. cond.

Yaesu FT-840 HF rig, 160-10m, 100 watts, general coverage, 100 memories, two VFOs, backlit LCD display, close to perfect cond. No options, just the basic rig w/box, manual, hand mic, and power cord. I got it used close to a month ago and have found another rig for the shack. \$610.

Kenwood TS-520, VFO-520 (ext. VFO), SP-520 speaker, MC-50 desk mic. Radio comes with 500 Hz YK-3395C CW filter. Everything works properly and comes with boxes, cables, and manuals for all. \$425, all in excellent condition.

S&S Engineering ARK 20 20m QRP CW rig. 5w output, pushbutton tuning, built like a rock. Comes with factory-installed keyer. Close to \$400 new, asking \$280, will throw in FREE Ramsey linear amplifier, which you can use, caniballize, throw away, me no care.

Astatic D-104 mic on T-UG-8 base. Standard Lollipop microphone, used on a Collins station. Comes with coily cord and PJ-068 Collins plug. \$40. Good shape, base is a little rough.

Unadilla W2DU HF balun. Used, but clean, with box & manual. \$16.

MFJ-784B DSP filter, excellent condition with manual. \$180.

Very good shape Heath HM-2140 dual meter wattmeter, reads PEP as well as SWR. Works up to 2 kW, with remote sensor head. Heavy and sturdy; big, easy-to-read meters. \$85.

Nye Viking lowpass filter, in good condition. cylindrical, with S0-239s on each end. About a foot long, handles a kilowatt. \$25.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "L. Jeffrey Hetherington" <jhetheri@freenet.npiec.on.ca>
Subject: [13195] GM-30 Problems from a new kit builder.
Message-ID: <Pine.A32.3.93.970226212733.148342B-1000000@freenet.npiec.on.ca>

Hi all. I have just completed my GM-30, my first major kit, and have an apparent small problem. Any help will be appreciated. In a nut shell, my final output is only about half a watt (with 13.8 V). The only thing I noticed as I went along that seemed out of the ordinary was that during the LO Alignment and the TX Alignment the variable caps provided very little (almost zero actually) change in the amplitude of the signal on the oscilloscope.

Any suggestions?

Tnx.

Jeff - VA3JFF

=====
L. JEFFREY HETHERINGTON
Niagara Falls, Ontario, Canada
E-mail: L.Jeffrey.Hetherington@InternetAddress.com

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [13199] Got the drifty fox!
Message-ID: <3314FC1C.1CEA@dancris.com>

After a discouraging evening last night, when I could hear Ernie 579 or better and not get him to hear me, I bagged Jack tonight.

Did notice some drift up in frequency during his stint, though. My OHR-400 drifts down, and he was up, so it was a trip keeping him in the passband. Finally resorted to using the TX-450S as a receiver to help.

Nice signal, Jack!

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: k4wz@juno.com (RON L TODD)
Subject: [13187] k4wz@juno.com (RON L TODD): CONTEST
Message-ID: <19970227.201706.7367.30.k4wz@juno.com>

I guess i did not make my self clear.....I will be takeing time off from the SSB DX CONTEST to work a little QRP You know double you FUN....73 RON

RON TODD K4WZ@JUNO.COM OR K4WZ@WORLDNET.ATT.NET
FISTS #2109, ARCI # 9273, QRP-L # 924

----- Begin forwarded message -----
From: k4wz@juno.com (RON L TODD)
Subject: CONTEST
From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [13247] Kits
Message-ID: <M1310699.012.a1vmd.1.970227195240Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Hello, Justin

Just read your post, and have a general comment for you. At present, most of the inexpensive kits offered are for QRP cw. There are maybe a couple that are SSB capable, such as the Cascade. I think it is sold by Wilderness Radio. By inexpensive, I'm arbitrarily saying less than \$200.

However, you may want to start visiting the ham flea markets that are held all over the country. There's probably one near you. Just post your location, and someone will let you know what's going on. There is lots of good used gear, often tube-based, that can be had for a relative song. Most of us started with used equipment, and in my case, World War II surplus at that!

It's not a bad way to start, because if you screw something up with overeager tinkering, you aren't out a whole lot. Also, older gear is often easier to repair, because it is less complex than modern solid-state equipment.

Once you gain some experience, and have a better idea of what aspects of our hobby appeal to you, then you can invest in more elaborate gear.

As to antennas, almost anything will work. The trick is that some antennas work better than others, depending upon what you are trying to do and what kind of space and supports you have available to work with. In general, start with simple wire antennas, as you have a learning curve to go through. It isn't difficult, no more than learning to drive. You just have to do it.

The simplest antenna is a center fed dipole for a single band, say 40 meters. It would be approximately 66 feet long, and should be hung as high as you can get it. If you only have one high support, the ideal would be for it to support the center of the antenna with the wires sloping down to a lower height on either side. If the high support is at one end, then you just have to put up a

sloping antenna. It will work fine, so don't let that be a worry point. At HF, in general, height is your friend, so get as much as you can.

As you gain in experience, you will want to work more than one band, especially if you buy some used multiband equipment. The center-fed dipole can be used just fine on other bands with an antenna matching unit, called an antenna tuner. You use 300-ohm twinlead or 450-ohm open line for the feeder, running from the center of the antenna to the antenna tuner in the shack.

This way, the feeder and antenna become one system which you match to your rig with the antenna tuner. This allows your equipment to always see a nice 50-ohm load, while the antenna+feedline combination may be anything but.

Anyway, enough for now. Hope this helps get you started. I hope this turns out to be as much fun for you as it has for me. I've been a ham for 45 years now, and still run across fellows who have been at it much longer than me.

73, Bob N6WG

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: NilsBull@aol.com
Subject: [13180] La revista "Radioaficionados"
Message-ID: <970226190841_-1205957277@emout14.mail.aol.com>

I got a neat package in the mail today. It was a copy of the magazine "Radioaficionados," published by the U.R.E, the Spanish Radioamateur Union. This is the kind of thing that really gets me going: reading the ham mags from other places on the planet.

I used to have a friend who somehow ended up with a subscription to the DARC, the German ham club, so I got a lot of practice reading people complaining about how DL/DM/D-whatever calls were not DX any more. Must have been the sunspot maxima back then, maybe. I also had a chance once to read the NRRL (Norwegian RRL) magazine. Even wrote some stuff for it.

What I get out of these mags, more than anything else, is a sense of what's important in other places. Kinda like that article that was in one of the yankee mags a while back, the article about ham radio on some island in the Indian Ocean. Very stark reminder that we gringos have it pretty easy when it comes to getting stuff to play with and having stuff that works.

Makes me wish I had a winning lottery ticket. But that's a two-way-er here. If you look at the prices of the gear and compare to what we gringos pay, ol' ham radio turns into a very expensive game. Cushcraft R7000 costs 94,000 Pesetas (Pts.) A 3-500Z (yeah, I know, QRO) is 35,000 Pts. Hell, the CD callbook is 5,500 Pts. And a used IC720 w/ autotuner +c is 80,000 (I'd guess,

using the abbreviations) (Pts). Makes me glad I got all my spending on ham radio over with when I was broke and young and stupid.

73

Nils

WB8IJN +c

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: ed.welch@cheaha.com (ED WELCH)

Subject: [13233] name change...

Message-ID: <8D2D1D4.0004000FBE.uuout@cheaha.com>

-> Thanks to everyone who participated, and hope to see you in the CQC
-> Summer QSO Party in August. By then I think I'll see if I can change
-> my name to Ed, or perhaps ET [g]

You would be surprised how often I'm asked to repeat my name. It's got to where I send it three times on the first run. Something about only hearing two characters makes the receiving party think they missed something. :)

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: Richard Wilkerson <richqrp@cts.com>

Subject: [13177] need addresses

Message-ID: <3314D3F7.68D8@cts.com>

Could someone please give me the mailing addresses of QRPP and the ARCI.
I need to send in my dues..... Thanksrich

--

Rich Wilkerson, WD6FDD, Santee, Ca.

ScQRPions

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Carol N. Wright" <cnw@HiWAAAY.net>
Subject: [13196] Note to ARRL!
Message-ID: <Pine.OSF.3.94.970226203838.26640A-1000000@fly.HiWAAAY.net>

Hey Gang,

I recently answered a message about the ARRL not offering the QRP DXCC award. Well I did email the ARRL, I tried sending one to David Sumner, it might of got lost. I haven't received a response to it yet.
Best 72 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [13217] Pixie-2
Message-ID: <199702271756.SAA28398@mail.med.up.pt>

To all my fellows:

I have finally finished my Pixie-2. I had two pc-boards, one kindly offered me by Dick G0R00, the other bought in CA thanks to the kindness of Dave W6EMD, that has patiently driven me through the San Francisco area treasure caves...

I have personally built the one from G0R00 (it had a smaller pcb) and put it in a very small cabinet (about 2x3x5 cm), with jacks for the key and earphones, BNC socket and a very small ceramic varicap for future use as a VXO. The californian rig has been built by my friend Camilo, CT1DIF, and is now on a slightly bigger cabinet, with the same ports (by the way, Dave, what was the call of the very nice guy who sold it to me?). Both are working, and we will do the first experiments on the air as soon as the 80 meters aerial of 'DIF is up.

It has been a very fun (and simple) project, and although the expected performance of the rig is not amazing, both models are currently being a success in the informal local ham meetings.

Special thanks to Dick and Dave, and best 72/73 de Roger, CT1ETT.

Rogerio A. F. Gonzaga, MD, PhD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Howard L Bacon <howard.l.bacon.iii@snet.net>
Subject: [13185] Qrp to the field in OK City?
Message-ID: <331498DC.48E5@snet.net>

Greetings.

My work (FAA) will be taking me out to my second home aka (OK City) during the month of April. My trusty Scout and HW9 are looking for a place to setup for qrp to the field. Any info would be appreciated.

reply to wy1w@snet.net or howard.l.bacon.iii@snet.net

Thanks and hope to see the gang at Denny's on Sat. mornings.

Butch WY1W

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: scott.thomas@circellar.com
Subject: [13186] Review of Inductance Adapter
Message-ID: <9702262010.0SCF901@circellar.com>

Model: IA-1 Inductance Adapter For DVM
Mfg: Electronic Rainbow Inc
Retailer: Marlin P. Jones & Associates Lake Park, FL
See Also: November 1996 Popular Electronics pg. 50-51
Cost: \$14.95 + shipping from Marlin P. Jones
Range: Low Range; 3uH to 500 uH, High: 100uH to 5MH
Currant Draw: 14ma.
Power Source: 9v. (on board 5v regulator).

Description: Low cost adapter used with a Digital Mulimeter for measuring

inductor values.

Assembly:

The kit consists of a single-sided circuit board, all board mounted parts (18) and a connector for the inductor. The board although not solder masked or silk screened is easy to stuff and solder without solder bridges. The board fits well in a RS 270-221 case, and the inductor connector as well as a spring loaded connector for DVM probes (RS 274-315) can be hot glued to the outside of the case. I also added an LED in series with a 4.7k resistor (1.5ma draw) to easily determine when the unit is on.

Calibration:

The adapter is zeroed by placing a jumper across the inductor terminals and adjusting pot R1 for a reading of 0 on your DVM. The instructions advise to calibrate the low range with an inductor having a value of about 400uH. I used a 390uH inductor. I used a 4.7MH inductor for the high range. A 5MH is recommended. I had difficulty calibrating the high range pot, and had to add a 100k resistor in parallel with the 22k resistor R8 to bring the pot into range. I later did the same to the low range calibration pot.

The natural tendency after calibration is to pop in a few chokes and test their values. To do so, simply set the DVM (an analog meter is not recommended) to the 2v range and read the meter. On the Low range, a 10uH inductor will read .010. On the high range, a 100uH will read .010. The following are the values of inductors I used and the meter readings (multiple readings indicate multiple inductors):

Value	Reading
390	390 (Calibration value)
100	101.6
15	17.6, 17.6, 17.5, 17.8
10	12
6.8	8.8
5.6	7.6, 7.8
4.7	6.3, 6

The readings, below 100uH were not within the spec of the inductors used (5%). The adapter seemed to have lots of difficulty measuring at the low end of its range. Calibrating it at a lower value (15uH for example), yielded only marginally better results, and prevented accurate measurements of higher value inductors.

I had lots of fun building and packaging this kit. I had dissapointing

results measuring low value inductors. Your milage may vary, etc.

Scott,
N1ST

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: "Douglas L. Datwyler" <datwyler@mail.aros.net>
Subject: [13218] some basic instrumentation to build?
Message-ID: <33158D24.4102@mail.aros.net>

Kind folks of the QRP-L,

I have been scouring the used equipment catalogs, and have found that used equipment is out of reach at the moment. I do need some basic instruments, such as:

1. phase meter,
2. capacitance/inductance meter,
3. spectrum analyzer (working on this already)

Do you know of some reference works (magazines, newsletters, books) which might describe these instruments and provide construction details?

TNX 72/73
Doug Datwyler WR70 Sandy, UT DN40bo
datwyler@aros.net

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: Goemans <jgoemans@facstaff.wisc.edu>
Subject: [13204] that ZS key...
Message-ID: <199702270410.WAA54380@audumla.students.wisc.edu>

Hi gang,

Someone here once sent a msg regarding a straight key from South Africa which is being sold here in the USA. The key is small and rugged and I decided I need one! Can anyone with info Email me direct?

obqrp: The foxii have been pounding in here this week ! Must be obese foxii (over 5 pounds)...

72, Paul

Paul R Goemans WA9PWP

1508 Sundt Lane
Stoughton, Wi. 53589-1069 608-877-4151
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [13188] Two Antenna Questions
Message-ID: <3314d894.10141548@smtp.usit.net>

Question 1:

I am planning on building two dipoles, one 40m and one 30m, on one feedline. I know I can calculate the length based on the $468/F$ MHz formula, and expect a relatively low SWR on an individual basis, at least enough to protect the radio used to trim it. Does that formula still hold if you build two dipoles on the same feedline, i.e., out of 300 Ohm Ribbon cable or 450 ohm ladder line? I know there is some interaction -- which do you trim first, higher or lower freq. antenna? I'm asking primarily because I will use an MFJ on 40, and hope to use a 38special (when delivered) on 30, and need a fairly predictable SWR expectation to keep the precious smoke in the finals.

Question 2:

At one point in my life, when I had access to real estate, I used a "cage" dipole, cut for 80 meters. It mimics a thick conductor, I think mine was 10" or so diameter. Worked superb, and with a tuner, worked equally well on all bands. Seemed to provide a little better efficiency than a single wire dipole.

In any event, over the past 5 years and 6 moves, I've lost my instructions on how to cut one. Anybody no the factor needed to convert antenna length based on a "mimiced" thick conductor? Instructions for a cage dipole would be appreciated, or directions to same somewhere on the web.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq

~~~~~  
From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [13244] W5TFB FOX Results  
Message-ID: <199702271952.TAA00751@chuck.dallas.sgi.com>

Gang,

Here is the results from Jack for last night.  
I'll post the updated results in the morning.

Corrections to me and Jack.

dit dit

-----tick tick tick tick.....

>From jlbryant@math.tamu.edu Thu Feb 27 15:47:13 1997

I'm sure there are a few errors.  
Second hour had severe static crashes. -Jack W5TFB

|    |      |        |     |     |    |          |      |
|----|------|--------|-----|-----|----|----------|------|
| 1  | 0201 | N10A   | 559 | 569 | MN | JOHN     | 699  |
| 2  | 02   | N9DD   | 559 | 579 | IN | TOM      | 32   |
| 3  | 03   | W9XN   | 599 | 599 | IN | MARTN    | 998  |
| 4  | 03   | WA9PWP | 579 | 589 | WI | PAUL     | 127  |
| 5  | 04   | AE4IC  | 579 | 579 | NC | BOB      | 54   |
| 6  | 05   | KE4YH  | 579 | 589 | FL | STEW     | 590  |
| 7  | 07   | K0EVH  | 589 | 599 | MN | DOC      | 861  |
| 8  | 08   | K1MG   | 559 | 559 | CA | MIKE     | 614  |
| 9  | 09   | N7VE   | 599 | 599 | AZ | DAN      | 696  |
| 10 | 0210 | K2VCO  | 599 | 599 | CA | VIC      | 725  |
| 11 | 11   | W1HUE  | 559 | 589 | ID | LARRY    | 228  |
| 12 | 12   | WA6NAE | 559 | 559 | CA | DWIGHT   | 1.6W |
| 13 | 13   | N0UR   | 579 | 579 | MN | JIM      | 779  |
| 14 | 13   | AA0XI  | 599 | 599 | CO | MARSHALL | 153  |
| 15 | 14   | NQ7X   | 599 | 568 | AZ | FLOYD    | 343  |
| 16 | 15   | AB7TK  | 579 | 569 | ID | RANDY    | 102  |
| 17 | 16   | AB7TT  | 579 | 559 | AZ | JOE      | 191  |
| 18 | 17   | WS4S   | 459 | 459 | TN | CONARD   | 993  |
| 19 | 18   | W6SU   | 559 | 559 | CA | JOHN     | 48   |
| 20 | 19   | K5OI   | 599 | 599 | NM | TIM      | 73   |
| 21 | 0220 | N6WG   | 559 | 579 | CA | BOB      | 26   |



|      |      |        |     |     |      |         |                               |
|------|------|--------|-----|-----|------|---------|-------------------------------|
| 22   | 21   | K7CT   | 599 | 579 | AZ   | ROGER   | 62                            |
| 23   | 22   | K06KA  | 559 | 579 | CA   | ROB     | 176                           |
| 24   | 23   | N2TTN  | 559 | 339 | NJ   | DEAN    | 560                           |
| 25   | 24   | WJ4P   | 559 | 579 | SC   | RANDY   | 296                           |
| 26   | 25   | VE3JC  | 559 | 559 | ON   | JOHN    | 744                           |
| 27   | 26   | W5XE   | 559 | 599 | TX   | RAL     | 256                           |
| dupe | 27   | K0EVH  | 589 | 599 | MN   | DOC     | 861 but using 1W instead of 5 |
| 28   | 28   | VE7SL  | 599 | 559 | BC   | STEVE   | 769                           |
| 29   | 29   | W7GVN  | 579 | 579 | AZ   | ROD     | 849                           |
| 30   | 0230 | WD8LDY | 449 | 439 | TX   | DAVE    | 5W                            |
| 31   | 32   | K6JI   | 599 | 579 | CA   | DENNIE  | 303                           |
| 32   | 33   | W2RQ   | 559 | 549 | NJ   | BILL    | 5W                            |
| 33   | 34   | KA1AXY | 559 | 559 | MA   | PETER   | 260                           |
| 35   | 36   | AB7MY  | 569 | 569 | AZ   | GARY    | 571                           |
| 36   | 38   | AA8EB  | 589 | 579 | OH   | MIKE    | 563                           |
| 37   | 39   | K5VP   | 559 | 339 | CA   | KEVIN   | 5W                            |
| 38   | 0241 | N6MN   | 589 | 589 | CA   | HARVEY  | 318                           |
| 39   | 43   | N6XU   | 599 | 599 | CA   | STAN    | 66                            |
| 40   | 45   | N7CQR  | 579 | 599 | OR   | DAN     | 502                           |
| 41   | 47   | WA1QVM | 559 | 569 | MA   | JOEL    | 337                           |
| 42   | 48   | K1CL   | 559 | 549 | MA   | CHUCK   | 217                           |
| 43   | 0250 | K4GT   | 559 | 559 | GA   | JIM     | 1023                          |
| 44   | 52   | K5ID   | 459 | 449 | AR   | KEN     | 652                           |
| 45   | 53   | W9DZ   | 599 | 579 | IN   | ALLEN   | 112                           |
| 46   | 54   | NV4E   | 559 | 559 | VA   | MARCUS  | 184                           |
| 47   | 55   | KT3A   | 559 | 439 | PA   | CAM     | 7                             |
| 48   | 57   | KB9IUA | 579 | 599 | IL   | KEVIN   | 384                           |
| 49   | 59   | KI4PZ  | 559 | 599 | NC   | RICK    | 5W                            |
| 50   | 0301 | N4GHI  | 559 | 559 | VA   | GERI    | 4W                            |
| 51   | 03   | KI7MN  | 599 | 599 | AZ   | BOB     | 271                           |
| 52   | 05   | WB4TPW | 559 | 599 | OR   | ROGER   | 75                            |
| 53   | 06   | W5FN   | 339 | 339 | TX   | TIM     | 46 ?                          |
| 54   | 08   | KC5EIV | 339 | 439 | TX   | WILLIAM | 5W                            |
| 55   | 0310 | N2VPK  | 359 | 339 | NY   | MARK    | 314                           |
| 56   | 12   | WJ2V   | 449 | 449 | NY   | PRESTON | 5W                            |
| 57   | 14   | N1QQV  | 559 | 559 | CT   | KEN     | 400                           |
| 58   | 16   | W03B/6 | 339 | 559 | CA   | BOB     | 99 ?                          |
| 59   | 19   | AB7ST  | 599 | 599 | UT   | BOB     | 129                           |
| 60   | 0321 | K6YR   | 559 | 549 | CA   | ROB     | 5W                            |
| 61   | 23   | KC1FB  | 459 | 559 | CT   | JIM     | 292 ?                         |
| 62   | 26   | N6LUY  | 569 | 559 | CA   | WALLY   | 5W                            |
| 63   | 28   | KK5RO  | 559 | 559 | OK   | VERNON  | 325                           |
| 64   | 0332 | W5CU   | 559 | 549 | OK   | SAM     | 5W                            |
| 65   | 34   | W0JDZ  | 259 | 599 | ND   | MAC     | 5W                            |
| 66   | 38   | NF0R   | 569 | 579 | MO   | DAVE    | 33                            |
| 67   | 0343 | KU7Y   | 599 | 579 | NV   | RON     | 17                            |
| 68   | 45   | WB6HQQ | 599 | 359 | CA   | ?       | qro                           |
| 69   | 47   | C08JM  | 568 | 559 | CUBA | JOSE    | DX-60                         |

70 0351 KB0LMQ 599 339 C0 MYRON qro  
71 54 W6BAB 559 559 CA HARVEY 5W  
72 58 W7JDZ 599 599 ID MAC 752

Chuck Adams K5F0 adams@sgi.com DXCC=11  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: Larry East <w1hue@amsat.org>  
Subject: [13236] What's a QSO? THE FINAL WORD!  
Message-ID: <2.2.16.19970227172638.141f0e7c@eloi>

OK all you cott'n pick'n nit pickers, READ CAREFULLY:

>Larry,  
>  
>Your message was forwarded to me. Just wanted to let you know that you have  
>it right.  
>  
>While the WAS rules in part state, "Confirmations must show your call and  
>indicate that two-way communications was established." in fact that means  
>your "Confirming QSO with..." is completely satisfactory. In fact most of  
>here at HQ have that same phrase on our QSL cards.  
>  
>There may be some confusion over different awards that required 2xssb or  
>2xcw (no crossmode QSOs such as ssb to am). That's not the practice at ARRL  
>Hq.  
>  
>73, Chuck Hutchinson K8CH  
>ARRL Membership Services Mgr  
>

HA!

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: "Paul F. Young" <pfy@axe.intercall.com>  
Subject: [13207] Where are you?  
Message-ID: <3.0.32.19970226113554.006e3a88@mail.intercall.com>

Guys,

I need help with a address and phone number for Rich at 5 (Five)-watt press.

I lost the original sheet and I am trying to find out about an order I sent in Jan. Yeah I know there's one born every minute. Any a help would be appreciated.

TNX 72/73

<color><param>0000,8080,0000</param>Paul F.Young KC2AHB

pfy@mail.intercall.com ,76716.722@compuserve.com

Ramapo Mt. A.R.C, S.A.R.A. (N.J.)

AKQRP #042 QRP-L #881 NJ-QRP #48

</color>

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: k5vp@earthlink.net (Kevin Potter)

Subject: [13193] Who be the fox?

Message-ID: <v01540b00af3a9e4f9997@[206.250.92.115]>

I'm finally home early enuf to try to get the fox.

What callsign should I be listening for toninght?

Thanks,

Kevin

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: okasb@rex.mtv.gtegsc.com (Bob Okas)

Subject: [13190] Yaesu FT-7 info sought

Message-ID: <9702270148.AA21416@rex.mtv.gtegsc.com>

Hi Gang,

I have a lead on above unit. I know it doesn't do WARC or have provisions for a CW filter. I'd like to know if it is possible to add these features (are there `period' mods available?) without boogering it up. Any thoughts or comments?

Thanks,  
Bob - W3CD

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: Ken Lopez <kjlopez@earthlink.net>  
Subject: [13231] ZL Special  
Message-ID: <3315BA27.596A@earthlink.net>

Regarding the ZL Special Ant. thread, there is an in-depth treatment of this antenna by none other than LB Cebik in this issue of Communications Quarterly. Terrific!

Ken, N6TZV

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: tmh@world.std.com  
Subject: [13221] ZL-Special: were to get software  
Message-ID: <Pine.SGI.3.93.970227085835.20600A-100000@world.std.com>

People have asked me where to get the ARIEL15 program. This fun program designs some wire-gain antennas for you (including the ZL-special).

It's at:

URL: <http://www.funet.fi/pub/ham/antenna/>

I'm going to try putting up a ZL-special this weekend. Will report on the results.

-- Tim N1PAZ

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: "Kevin C. Potter" <k5vp@earthlink.net>  
Subject: [13197] [Fwd: Re: Who be the fox?]  
Message-ID: <3314F7F5.7330@earthlink.net>

This is a multi-part message in MIME format.

-----5FEA5C9C40C0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Thanks for all the responses. Yep, I got Jack or he got me. He was very good & made sure that I passed on all my info correctly.

I am really jazzed, though I fumbled my way thru it. Figured out the FT101ZD will go down way below 5 watts with a good meter calibration & made the contact with the 5 watts to a Gap vertical.

Thanks again, Jack! Oh boy, I guess I should get some QSLs printed up.

Kevin

-----5FEA5C9C40C0

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Received: from bubba.NMSU.Edu (bubba.NMSU.Edu [128.123.3.39]) by bulgaria.it.earthlink.net (8.7.5/8.7.3) with ESMTP id SAA28887 for <k5vp@earthlink.net>; Wed, 26 Feb 1997 18:38:39 -0800 (PST)

Received: from NMSU.Edu by bubba.NMSU.Edu (8.8.4/NMSU)

id TAA08500; Wed, 26 Feb 1997 19:39:15 -0700 (MST)

Received: from hector.NMSU.Edu by NMSU.Edu (8.8.4/NMSU-1.18)

id TAA22057; Wed, 26 Feb 1997 19:37:36 -0700 (MST)

Received: (from tpettibo@localhost) by hector.NMSU.Edu (AIX4.2/UCB 8.7/8.7) id TAA20382; Wed, 26 Feb 1997 19:33:44 -0700 (MST)

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: Chris Cartwright <ccart@dns.vidtel.com>

Subject: [13219] Re: AT&T Wireless Phone System

Message-ID: <Pine.LNX.3.93.970226203531.1266A-100000@dns.vidtel.com>

On Wed, 26 Feb 1997, Alan Slusher wrote:

> Now comes the interesting part:

> "AT&T has filed patents for the techniques used to increase the capacity of  
> the 10-megahertz portion of the wireless radio spectrum. The technology  
> allows the same radio frequencies to be used many times in the same area."

Just a guess, but from what I've been reading, I think the reporter heard MEGA, but what was actually said was GIGA. Most of the "new" phone system stuff I've seen has been in the microwave range. A lot of it is digital spread spectrum, which is what I think they mean by "re-use". Then again I could be completely wrong :)

-- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com  
-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com  
-- QRP WAS 11/3 (w/c) QRP-ARCI #9271 | <http://dns.vidtel.com/~ccart>

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: ka3eaj@juno.com (Dave Lichtenwalner)  
Subject: [13223] Re: AT&T Wireless Phone System  
Message-ID: <19970227.094733.10534.1.ka3eaj@juno.com>

Alan wrote:

>There was no indication of specific frequencies in the CNN report, but  
it

> doesn't take a lot of paranoia to start dreaming about telephone RFI  
> complaints.

Most likely frequencies are PCS "D" and "E" blocks won by AT&T in recent  
spectrum auction.

1865-1870/1945-1950 MHz "D" block

1885-1890/1965-1970 MHz "E" block

72,

Dave KA3EAJ

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: slushea@caribank.org (Alan Slusher - Chief Country Economist)  
Subject: [13243] Re: AT&T Wireless Phone System  
Message-ID: <9702271859.AA25267@b109.cdbnet>

Dave:

Thanks for the comment. My spirits had started to fall when I read "10 mega-  
hertz" in the CNN report, and I began to have nightmares over HF operations.

Alan 8P9BM

> Alan wrote:  
> >There was no indication of specific frequencies in the CNN report, but  
> it  
> > doesn't take a lot of paranoia to start dreaming about telephone RFI  
> > complaints.  
>  
> Most likely frequencies are PCS "D" and "E" blocks won by AT&T in recent  
> spectrum auction.  
>  
> 1865-1870/1945-1950 MHz "D" block  
> 1885-1890/1965-1970 MHz "E" block  
>  
> 72,  
> Dave KA3EAJ  
>  
>

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: jbartac@max.state.ia.us (jbartac)  
Subject: [13228] RE: Cleaning / Restoring Old Keys  
Message-ID: <3315C817.4E77@max.state.ia.us>

-----  
Dave Fifield, KQ6FR, wrote:

<It gets quite cold and damp out there and my brass morse keys are  
beginning to <tarnish quite badly (got a Vibroplex Brass Racer and a  
Jones straight key). Does <anyone have any tips on:  
<a) cleaning them up so they are shiny like new again - without  
scratching them,  
<b) how to stop them from tarnishing again in the future (lacquer?)  
-----

Dear Dave,

I have found a wealth of interesting on-line articles, internet museums  
full of pictures of old keys, how to clean them, how \*not\* to clean  
them, etc.

Here is a site called "Instrument Preservation Topics". It tells how to  
care for and clean up old keys without damaging their value or beauty:

[http://www.concentric.net/~Gsraven/key\\_preserve.html](http://www.concentric.net/~Gsraven/key_preserve.html)

Also here are some other sites pertaining to keys and bugs. Each of  
these sites also list many other exciting sites about old-time

electronics, keys, and telegraphy topics.

The Telegraph Office:

<http://fohnix.metronet.com/~nmcewen/ref.html#links>

Telegraph Lore: <http://www.cris.com/~gsraven/index.shtml>

Tom Perera Telegraph Museum:

<http://www.chss.montclair.edu/~pererat/telegraph.html>

The Vibroplex Collector's Page:

<http://206.117.184.5/frandy/#identify>

Try these out and you'll find many excuses for playing on the web rather than doing "honey-do" chores around the house.

72,

Jerry L. Bartachek KD0CA <><  
Washington, IA

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: "Claton Cadmus" <aplitech@Spacestar.Net>

Subject: [13198] Re: Coax Connector Failures

Message-ID: <199702270311.VAA01178@Spacestar.Net>

William H. Launer <launerb@crl.com> writes:

: I disconnected it, and  
: discovered that the female contacts in the S0-239 connectors were a very  
: loose fit on the male PL-259 plugs.

PL-259/S0-239's can be very reliable. The above condition is the result of inserting poorly soldered PL-259's. Make sure you don't get any solder on the outside of the PL-259 center pin and if you do remove it. This excess solder is almost always the cause of S0-239 failures.

Hope this Helps.

----

73 de KA0GKC Claton Cadmus

E-mail [cla@spacestar.net](mailto:cla@spacestar.net)

TCP/IP [ka0gkc@ka0gkc.ampr.org](mailto:ka0gkc@ka0gkc.ampr.org)

Ask me about the Minnesota QRP Society!

<http://www.spacestar.net/users/aplitech/mnqrp/>



From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: launerb@crl.com (William H. Launer)  
Subject: [13203] Re: Coax Connector Failures  
Message-ID: <v01530502af3ab5d13456@[192.0.2.1]>

>PL-259/SO-239's can be very reliable. The above condition is the result  
>of inserting poorly soldered PL-259's. Make sure you don't get any solder  
>on the outside of the PL-259 center pin and if you do remove it. This  
>excess solder is almost always the cause of SO-239 failures.

I agree with Claton, but these particular damages didn't happen on my watch!  
>From the appearance of these connectors, this meter must have been used to  
check out many cb mobile installations, and the connectors are simply worn  
out.

72/73 Bill wb0cld

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-1 #279 qrp arco #3551  
Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: "Jeremy Cowgar" <jcowgar@villers.com>  
Subject: [13224] Re: CW Adjustment w/TS140S  
Message-ID: <B0000003858@mail.villers.com>

Just want everyone who emailed me know that it does work. The way the  
manual describes it it makes you believe that the power control does not  
control the power in CW mode, but doing what everyone has said, it works.

Thanks for the info and help.

KB8LFA  
Jeremy Cowgar - jcowgar@villers.com  
Doylestown, Ohio

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: Bob Patten <n4bp@shadow.net>  
Subject: [13235] Re: FINAL ScQRPion Hit List (grovelling...)  
Message-ID: <Pine.SOL.3.91.970227122116.15421B-100000@hyper>

On Thu, 27 Feb 1997, Joe Gervais wrote:

> here you have it. The unadulterated, golden ScQRPion Hit  
>

> FYBO '97 ScQRPion Hit List

>

But where's KB2MVF and W7GVN ? They're in AZ, they must be ScQRPions!  
And if not, why?

Bob Patten, N4BP  
Plantation, FL  
n4bp@shadow.net

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: GREGOIRE@endor.com  
Subject: [13230] RE: Fox Frustration  
Message-ID: <Chameleon.970227112853.GREGOIRE@Gregoire.endor.com>

Hello Marshall,

Im' very sorry about your head ache. In this case however having  
a back up would not have helped. I not only screwed up and  
didn't show up on the appointed night, I foxed the following  
evening, when some folks had to work.

If a substitute fox were to take some delinquent fox's place,  
first he would need to know that the alleged fox was not on the  
air at the time. The substitute might not hear him.

So , OM, sorry to have caused you any grief, good luck  
in the future.

73

-----  
de AA1IK,  
Ernie Gregoire

Lead by example.

It is better to pull a string,  
than to push it.

R.R. 1, Box 221,

South Rd. Fists # 2644, N.E.QRP # 202  
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,  
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

-----  
02/27/97 11:21:09

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: Joe Gervais <vole@primenet.com>  
Subject: [13210] Re: FOX HUNTING  
Message-ID: <199702270617.XAA01432@usr08.primenet.com>

Martin (W9XN) wrote:

>  
> Would someone be kind enough to send me the rules and regs for the  
> nightly fox hunts and for the FSFD activities?

Try <<http://www.dancris.com/~ki7mn>> - should find it  
all there. Even has the latest Fox Scores.

Just a few weeks left though - hope to hear you in the  
Hunt!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

QRP WAS: 50, 2-Way QRP WAS: 44, QRP DXCC: 5

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: n4js@amsat.org  
Subject: [13238] RE: FOX HUNTING  
Message-ID: <XFMail.970227090527.n4js@amsat.org>

On 27-Feb-97 martin38945@juno.com expounded:

>Dear Friends,

>

>I'll try this again.

>

>Would someone be kind enough to send me the rules and regs for the  
>nightly fox hunts and for the FSFD activities?

Martin,

I'm pretty sure they can be retrieved from the archives at lehigh.edu, but I just don't know how! I have that info on the computer at work. (don't tell!). If none answers in a couple days, I'll be there. There isn't another fox until next Monday, and the FSFD is over.

Sent at 09:05:27 on 27-Feb-97

|                                 |                                                                     |                |                  |
|---------------------------------|---------------------------------------------------------------------|----------------|------------------|
| _ _ _ _ _                       | John L. Sielke                                                      | n4js@amsat.org | n4js@pobox.com   |
| \         _     / _ _           | n4js@n4js.ampr.org                                                  | NJ Grid:FM29LN |                  |
| . '     _ _       \ _ _ \       | <a href="http://www.pobox.com/~n4js">http://www.pobox.com/~n4js</a> |                |                  |
| _   \ _     _   \ _ _ /   _ _ / | NJ-QRP #57                                                          | QRP-L #884     | QRP-ARCI #9328   |
| NE-QRP #507                     | G-QRP #9544                                                         | Norcal #????   | QCWA Life Member |

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: Vic Rosenthal <rakefet@rakefet.com>

Subject: [13178] Re: FS: Butternut HF6VX antenna

Message-ID: <3314D565.28FF@rakefet.com>

Robert G. Parks wrote:

>

> Al right, Vic, what's a FOX BLASTER???

A FOX BLASTER is a 33' aluminum mast on top of my roof, with a downward-sloping 90' wire from the top to another mast, and then to a point in my backyard. Unfortunately, the top wire slopes to the west, but that's geography. It's more or less an inverted L. The interesting part is that I lucked into an SGC-230 automatic tuner for a very good price, and this is mounted on the roof at the base of the mast. The tuner matches it on 160 meters and up (though I don't use it on 20 or above where I have a delta loop). Hopefully, this antenna will produce a certain amount of high-angle as well as low-angle radiation, and should be a much better fox-hunter on 40 meters than the vertical. Oh yes, I laid out eight 33' radials on the roof for a counterpoise.

Vic K2VCO

From owner-qrp-l@Lehigh.EDU Thu Feb 27 18:27:11 1997

From: jsielke@pobox.com

Subject: [13179] Re: FS: Butternut HF6VX antenna  
Message-ID: <m0vztrp-0006FJC@ux1.cyberenet.net>

On 1997-02-26 rob3ert@juno.com said to jsielke@pobox.com  
ro>Al right, Vic, what's a FOX BLASTER???  
ro>Bob Parks

I'll second that question.....

|                                 |                                                                     |
|---------------------------------|---------------------------------------------------------------------|
| _ \           _     / _ _       | John L. Sielke n4js@amsat.org n4js@pobox.com                        |
| . '     _ _         \ _ _ \     | n4js@n4js.ampr.org NJ Grid:FM29LN                                   |
| _   \ _     _   \ _ _ /   _ _ / | <a href="http://www.pobox.com/~n4js">http://www.pobox.com/~n4js</a> |
| NE-QRP #507 G-QRP #9544         | NJ-QRP #57 QRP-L #884 QRP-ARCI #9328                                |
|                                 | Norcal #???? QCWA Life Member                                       |

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: TonyDrumm@ibm.net (Tony Drumm)  
Subject: [13191] Re: FYB0 Frozen Chosen Report (Long)  
Message-ID: <199702270157.BAA15873@out1.ibm.net>

>  
>Howdy All,  
>  
>Welcome to the Frozen Chosen ScQRPion Team's FYB0  
>report!

This was a great report! I've really enjoyed all the reports from FYB0. I wonder if there's a market for a compilation of stories like these? We've got some gifted writers out there. Do you think any non-QRP ops would enjoy them as much as we do?

72.  
Tony Drumm  
ARS AA0SM - Rochester, MN

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: JCoote@aol.com  
Subject: [13234] Re: Multiband dipole/vee  
Message-ID: <970227120229\_1349237841@emout20.mail.aol.com>

In a message dated 97-02-25 20:55:26 EST, lobar@doitnow.com (James R.Sharp) writes:

>  
>Hi all !!!  
>  
>Been enjoying this group for a month now and thought I'd ask an antenna  
>question.  
>  
>Has anyone tried a multiband dipole or inverted vee made from ribbon cable ?  
>I had a multiband inverted vee at my home QTH for over a year with pretty  
>good,(non-scientific) results . Last monsoon season 100mph winds re-kitted  
>the ant and most of my home. So..I,ve been thinking of putting up something  
>less cosmetically objectionable to the XYL. Thought maybe ribbon cable  
>might be easier to maintain and another one could be used for portable  
>operation.  
>  
>My original was made from cheap steal wire elements (Walmart), joined to a  
>current balun and connected thru RG8X to my tunerless TS140.  
>  
>Anyway I'd like some opinions....and before u ask, I like it all QRP QRPP  
>and QRO.  
>  
>re-kitted: model airplane jargon for an unintended abrupt landing.  
>

James and Group,

Quality TV ribbon, or better yet 450-ohm ladder line is the only way to go for a multiband vee, sloper, doublet, square or dipole.

When you feed an antenna which is not 50 ohms at the feedpoint with (ugh!) 50-ohm coax you get into a lot of problems and using a tuner at the end of that mess will only "fool" the transmitter and does nothing for loss and high SWR. Balanced lines (TV, ladder and open-air feeders) tolerate high vswr and have less RF loss.

The lengths of the G5RV antenna are pretty good for use with tuners; the lengths provide a lower or "tamer" impedance on many ham bands for your balanced tuner to handle.

You can also vary the feeder/flattop length combination to get something which works with your tuner over all bands. Some ham articles suggest 67 or 135 foot lengths and these are "old hat" from the 1930's when finals were push-pull high-impedance; directly matched to the antenna. These lengths may be harder for some tuners to handle.

If you are a diehard coax fan, you can use a single coax feeder on a "fan" vee or dipole. This antenna uses a 1/2 wave dipole for each band (ex: 7, 10,

14 Mhz = 3 dipoles). The best shape for this antenna is probably a vee since the multiple dipoles can be used as guys for the mast. The problem with this antenna is the unsightliness of all the wires and that it is a pain to set up in the field.

73, Jay  
W6CJ

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: "\"W. Kimura\"." <W.Kimura@valley.net>  
Subject: [13189] Re: Quality Straight Keys?  
Message-ID: <199702270141.UAA16599@norwich.valley.net>

At 09:28 PM 2/25/97 -0700, you wrote:

>  
>Howdy again,  
>  
>It seems I have a little birthday money left over, so  
>naturally I started looking at what I could do to improve  
>my station. That's when it occurred to me that a new high-  
>quality straight key on a solid base might make my life a  
>little nicer.  
>  
>Any ideas? My goal is to get to 25wpm clean on the beast,

(snip)

>Thanks!  
>  
>Cheers de AB7TT,  
>  
>-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)  
>

Here's a low cost, low tech straight key that might fit the bill.  
It helped to correct what was wrong with my key (although my keying is still open to debate).  
I took an Ameco "K-4" key (cheap) and used a piece of industrial strength double-sided tape to fasten it to a suitably sized (your choice) piece of marble taken from an old trophy. The key now feels solid as a rock.

72,

Kim, N1MVU

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: Joe Gervais <vole@primenet.com>  
Subject: [13209] Re: RF Torpedoes ready!  
Message-ID: <199702270612.XAA01247@usr08.primenet.com>

Vic (K2VC0) wrote:

> Well, I'm tired of being the weak one, do you hear, tired of it! The  
> FRESNO FOX BLASTER...is finished, practically TOUCHING the ionosphere itself.  
> ...  
> I'll never be weak again, NEVER! HAahahahaha...

Arrrrr - a noble try, matey, but feast yer ears on THIS!  
'Ere Sunday eve comes about, the dread Fox Raider 2001  
will be cut loose on the high seas of RF, ready to plunder  
and pillage unsuspecting front ends! 34 radials of finest  
copper, over 800' of the stuff. And a dark mast, black  
as the bowels of a sea serpent, towering 33' above the  
land. Stealthy she is. And mean as an underfed shark.  
Stand clear, lest she swallow you whole and spit you out  
like half-chewed guppy.

I bid the S.S. Hamstick goodbye. You been good to an old  
salt. But time now to ply the treacherous seas with a  
dreadnought, not a fishing boat. Fare thee well.

Arrrrrr! de AB7TT,

-Dread Pirate Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

QRP WAS: 50, 2-Way QRP WAS: 44, QRP DXCC: 5

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: Vic Rosenthal <rakefet@rakefet.com>  
Subject: [13212] Re: RF Torpedoes ready!  
Message-ID: <33152B4C.1F3F@rakefet.com>

Joe Gervais wrote:

> Arrrrr - a noble try, matey, but feast yer ears on THIS!  
> 'Ere Sunday eve comes about, the dread Fox Raider 2001



> will be cut loose on the high seas of RF, ready to plunder  
> and pillage unsuspecting front ends! 34 radials of finest  
> copper, over 800' of the stuff. And a dark mast, black  
> as the bowels of a sea serpent, towering 33' above the  
> land. Stealthy she is. And mean as an underfed shark.  
> Stand clear, lest she swallow you whole and spit you out  
> like half-chewed guppy.  
>  
> I bid the S.S. Hamstick goodbye. You been good to an old  
> salt. But time now to ply the treacherous seas with a  
> dreadnought, not a fishing boat. Fare thee well.

Yup, that salt water sure makes a good ground plane, don't it?

Vic K2VCO

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: "T. PETTIBONE" <tpettibo@NMSU.Edu>  
Subject: Re: Who be the fox?  
Message-ID: <Pine.A41.3.95q.970226193235.81756B-100000@hector.NMSU.Edu>

Kevin:

He's on right now (0135z) on 7037. It's Jack W5TFB in Dallas.

Tim  
K5OI

p.s. He drifts a bit or is deliberately nudging his vfo.

-----5FEA5C9C40C0--

From owner-qrp-1@Lehigh.EDU Thu Feb 27 18:27:11 1997  
From: timcook@erinet.com  
Subject: [13192] Re: Yaesu FT-7 info sought  
Message-ID: <3314EA01.E95@erinet.com>

Bob Okas wrote:

>  
> Hi Gang,

> I have a lead on above unit. I know it doesn't do WARC  
> or have provisions for a CW filter. I'd like to know if  
> it is possible to add these features (are there 'period'  
> mods available?) without boogering it up. Any thoughts or  
> comments?

>

> Thanks,

> Bob - W3CD

Bob,

there was an article in QQ a couple years ago. It was spread out over a couple of issues. It addressed the filter issue by adding a audio filter internal i think, not sure about that though. It has a very hot rx.

Tim

NZ8J